WHAT IS CLAIMED IS:

A method of self-aligning connections for a two section mast, which method 1. 1 comprises: 2 transporting an elongated bottom mast section to a guide frame adjacent to a well site, 3 said bottom mast section having a pair of front legs and a pair of rear legs; 4 transporting an elongated top mast section to said well site so that said mast sections 5 are aligned, said top mast section having a pair of front legs and a pair of rear legs; 6 positioning said legs of said bottom mast section slightly below a level of said legs 7 of said top mast section; and 8 raising said bottom mast section in order to engage said top mast section while 9 simultaneously aligning the mast sections together. 10 A method of self-aligning connections as set forth in Claim 1 wherein said bottom 2. 1 mast section is raised by cylinders on mast stands. 2 A method of self-aligning connections as set forth in Claim 2 wherein said cylinders 3. 1 2 are powered by a rig hydraulic system. 4. A method of self-aligning connections as set forth in Claim 1 wherein said legs of 1 said bottom mast section are positioned slightly below a level of said legs of said top mast section 2

by lowering said bottom mast section before said raising step.

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- 5. A method of self-aligning connections as set forth in Claim 1 including the additional step of pinning said top mast section to said bottom mast section.
 - 6. A method of self-aligning connections as set forth in Claim 1 wherein said bottom mast section and said top mast section are each transported on a vehicle in a horizontal orientation prior to a vertical use orientation.

- 7. A method of self-aligning connections as set forth in Claim1 wherein said legs of said bottom mast section are positioned by cylinders on said mast stands.
 - 8. A method of self-aligning connections as set forth in Claim 1 wherein said pair of top mast front legs each include a pair of protruding circular plates which engage and align with said pair of bottom mast front legs which each include an alignment jaw with a pair of hooks.
 - 9. A method of self-aligning connections as set forth in Claim 1 wherein said pair of top mast rear legs each include a jaw with a shoulder which engage and align with said pair of bottom mast rear legs which each include a jaw with protruding semi-circular plates.
- 1 10. A method of self-aligning connections as set forth in Claim 9 wherein each said shoulder includes a radial face to receive said circular plates.

11. A method of self-aligning connections as set forth in Claim 1 wherein said steps are performed in reverse order to disassemble said two section mast.

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- 12. A two section mast with self-aligning connections, which mast comprises: 1 an elongated bottom mast section having a pair of front legs and a pair of rear legs; 2 an elongated top mast section having a pair of front legs and a pair of rear legs; 3 a self-aligning connection between said mast sections wherein said pair of top mast 4 front legs each include a pair of protruding circular plates, each said pair of plates engage and align 5 with a jaw with a pair of hooks extending from each said bottom mast front leg and wherein said pair 6 of top mast rear legs each include a jaw with a shoulder, each said jaw engaging and aligning with 7 a jaw with protruding semi-circular plates extending from each bottom mast rear leg. 8
 - 13. A two section mast as set forth in Claim 12 including mast stands having at least one hydraulic cylinder to move said bottom mast.
 - 14. A two section mast as set forth in Claim 12 including a pin passing through each said jaw of said bottom mast front legs and through each said pair of protruding circular plates of said top mast front legs.
 - 15. A two section mast as set forth in Claim 12 including a pin passing through each said jaw with a shoulder of said top mast rear legs and through each said jaw with protruding semi-circular plates of said bottom mast rear legs.